## Abstract

The present invention provides a method for producing a compound represented by the formula (3):

$$OH$$

$$(CH_2)_{\tilde{n}}-O$$

$$OH$$

$$O$$

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wherein n is an integer of 1 to 6, characterized by the steps of hydrolyzing a solution containing an ester compound represented by the formula (1):

$$(CH_2)_{\overline{n}}$$
  $O$   $OR$   $(1)$ 

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wherein R is a lower alkyl group and n is an integer of 1 to 6, and a compound represented by the formula (2):

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wherein R is as defined above, adjusting the pH of the resulting solution to pH 4 to 8, and then subjecting to phase separation to obtain an organic layer containing the carboxylic acid of formula (3).